

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050216\
 Data File : BF086619.D
 Acq On : 2 May 2016 16:00
 Operator : UM/SJ
 Sample : H2716-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-2(0-12FTBGS)

Quant Time: May 03 01:16:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

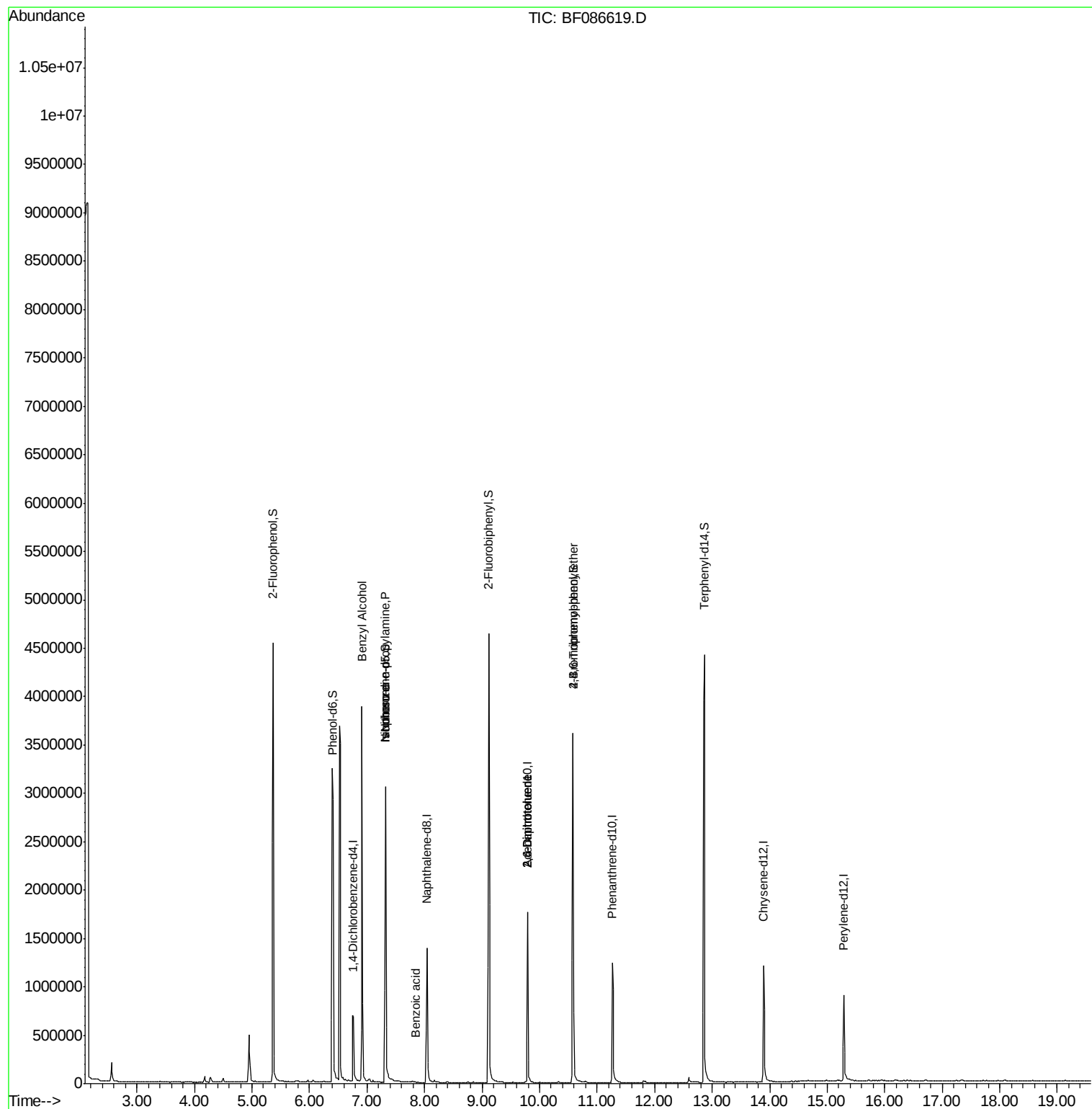
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	167246	20.00	ng	-0.05
21) Naphthalene-d8	8.04	136	737863	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	357427	20.00	ng	-0.06
63) Phenanthrene-d10	11.27	188	701772	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	601102	20.00	ng	-0.07
86) Perylene-d12	15.29	264	436064	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1300998	134.18	ng	-0.02
7) Phenol-d6	6.41	99	1695073	125.26	ng	-0.03
23) Nitrobenzene-d5	7.32	82	1124496	82.14	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	482883	128.11	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1833765	91.19	ng	-0.06
78) Terphenyl-d14	12.87	244	2174495	79.70	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	6.91	79	18998	2.22	ng	# 41
19) n-Nitroso-di-n-propylamine	7.32	70	155552	17.39	ng	# 75
25) Isophorone	7.32	82	863875	32.79	ng	# 68
32) Benzoic acid	7.85	122	250	8.81	ng	# 36
50) 2,6-Dinitrotoluene	9.79	165	45242	8.14	ng	# 20
56) 2,4-Dinitrotoluene	9.79	165	45505	6.42	ng	# 16
66) 4-Bromophenyl-phenylether	10.58	248	28771	3.98	ng	# 1

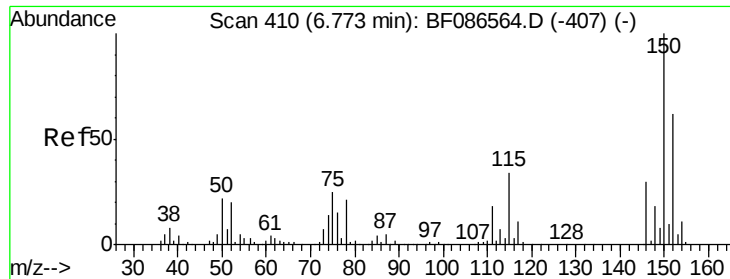
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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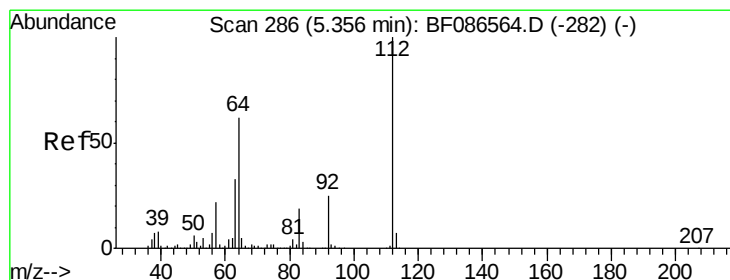
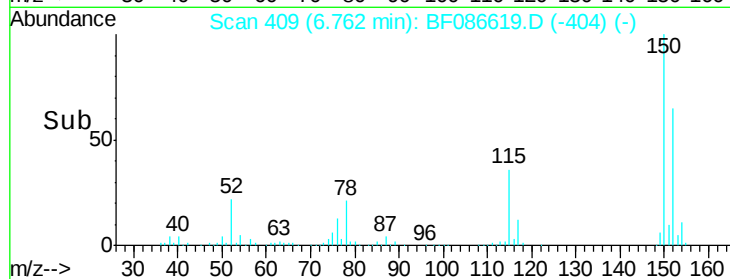
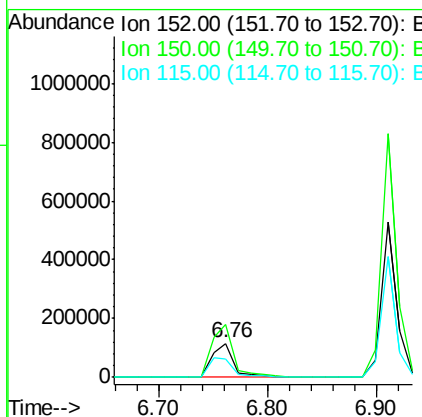
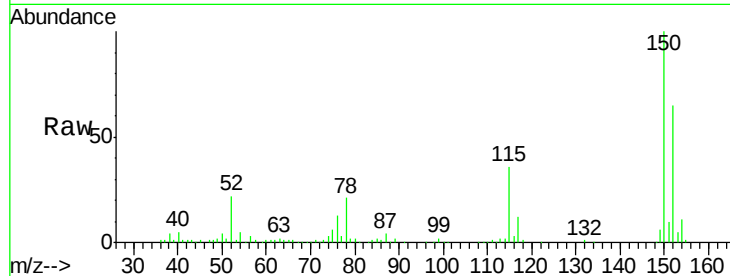




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.05 min
 Lab File: BF086619.D
 Acq: 2 May 2016 16:00

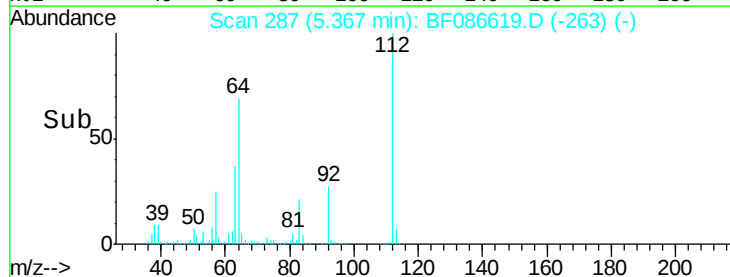
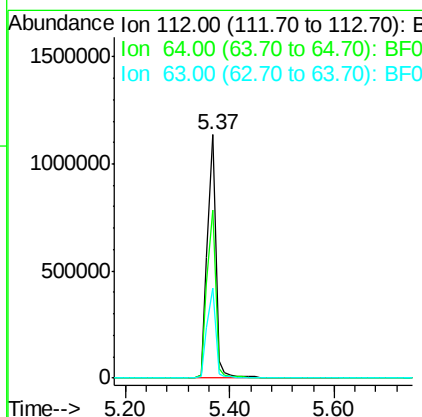
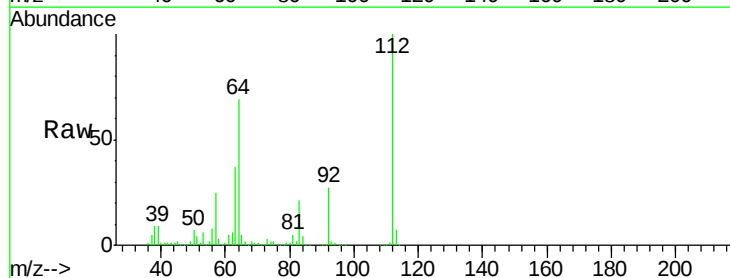
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-2(0-12FTBGS)

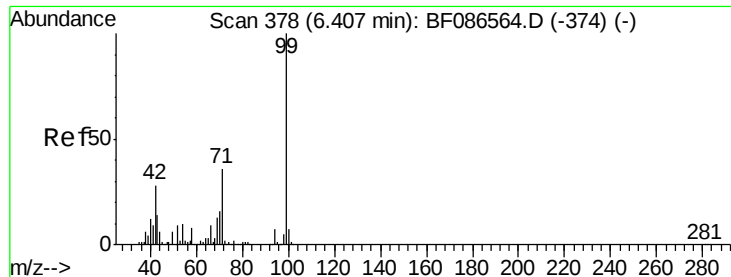
Tgt Ion:152 Resp: 167246
 Ion Ratio Lower Upper
 152 100
 150 154.7 125.8 188.6
 115 55.3 51.5 77.3



#5
 2-Fluorophenol
 Concen: 134.18 ng
 RT: 5.37 min Scan# 287
 Delta R.T. -0.02 min
 Lab File: BF086619.D
 Acq: 2 May 2016 16:00

Tgt Ion:112 Resp: 1300998
 Ion Ratio Lower Upper
 112 100
 64 68.8 52.1 78.1
 63 37.1 25.7 38.5





#7

Phenol-d6

Concen: 125.26 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086619.D

Acq: 2 May 2016 16:00

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-2(0-12FTBGS)

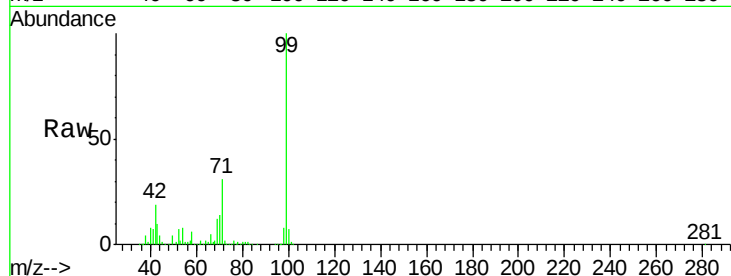
Tgt Ion: 99 Resp: 1695073

Ion Ratio Lower Upper

99 100

42 19.3 13.6 20.4

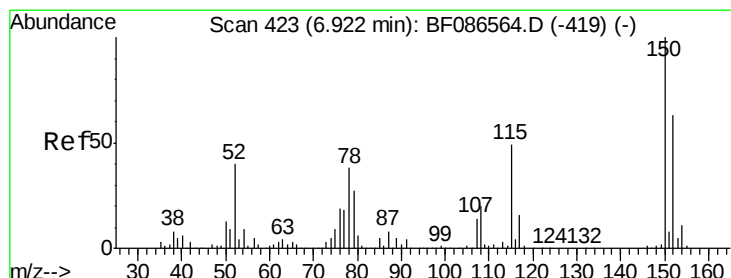
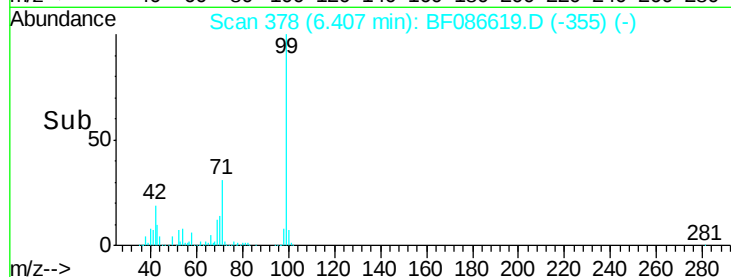
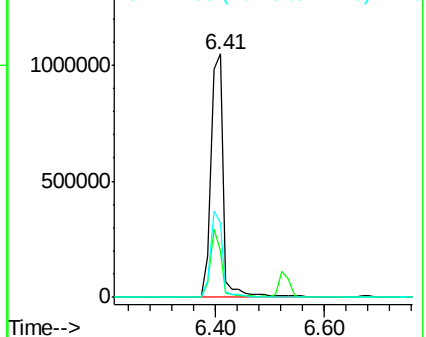
71 30.8 24.6 36.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.22 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF086619.D

Acq: 2 May 2016 16:00

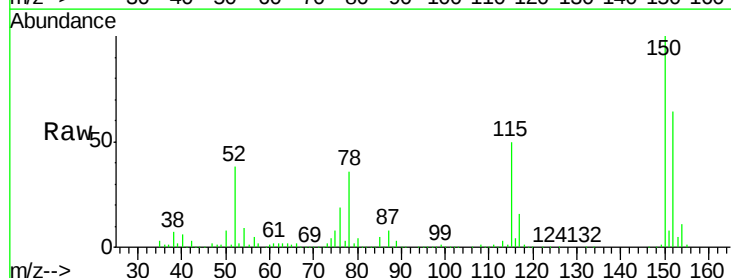
Tgt Ion: 79 Resp: 18998

Ion Ratio Lower Upper

79 100

108 30.2 68.4 102.6#

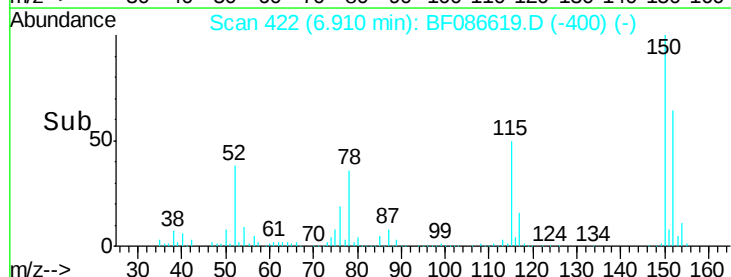
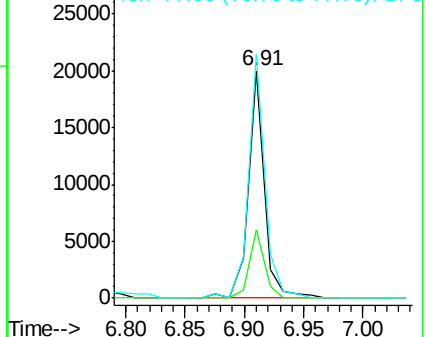
77 107.0 50.6 76.0#

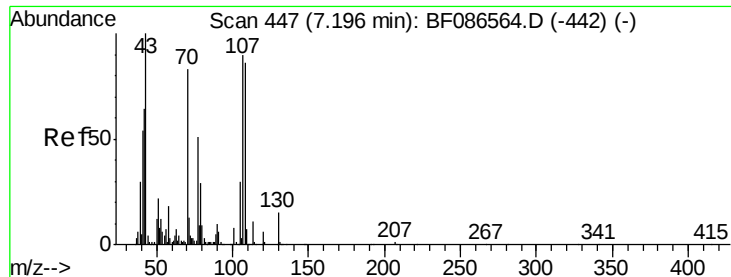


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

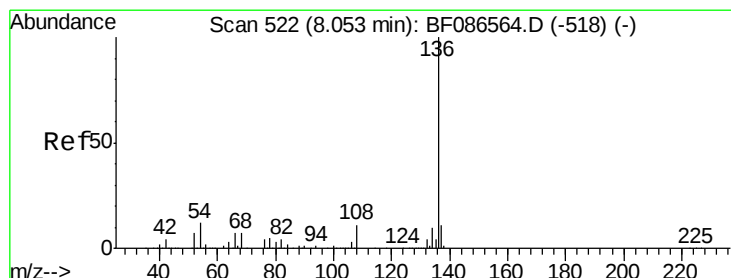
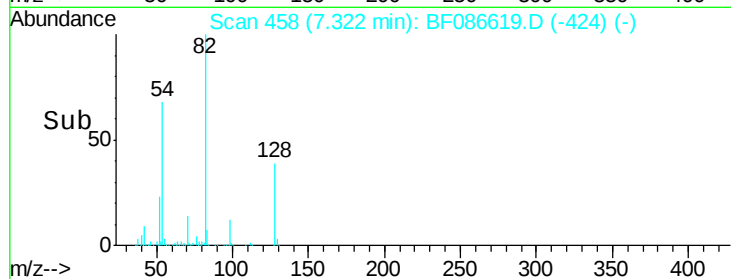
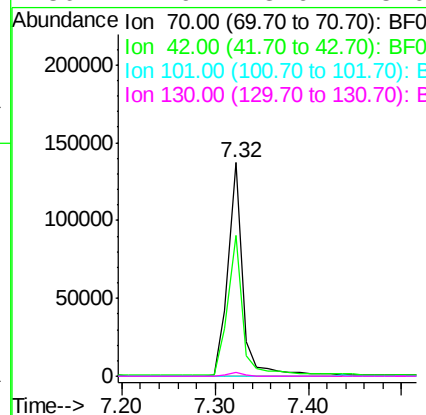
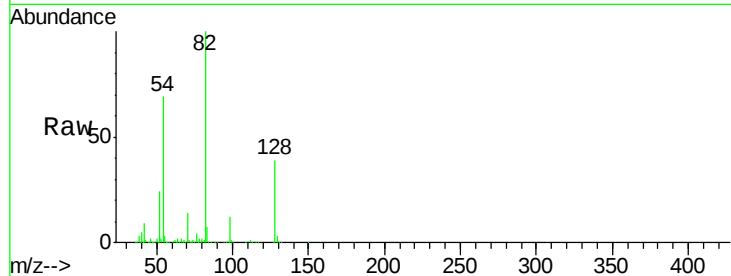




#19
 n-Nitroso-di-n-propylamine
 Concen: 17.39 ng
 RT: 7.32 min Scan# 458
 Delta R.T. 0.09 min
 Lab File: BF086619.D
 Acq: 2 May 2016 16:00

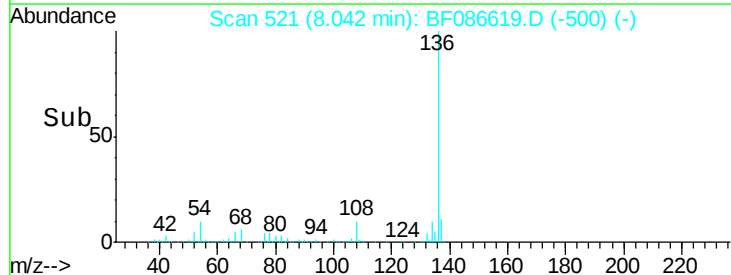
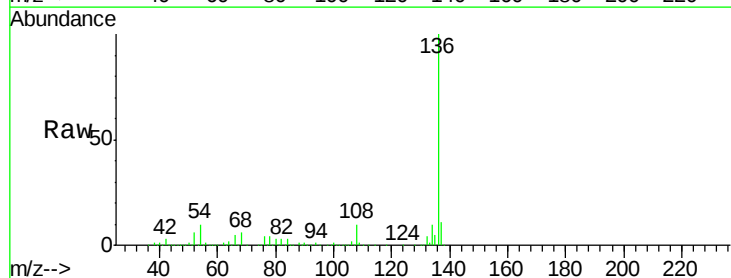
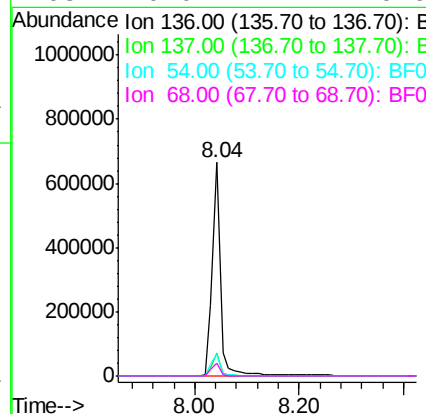
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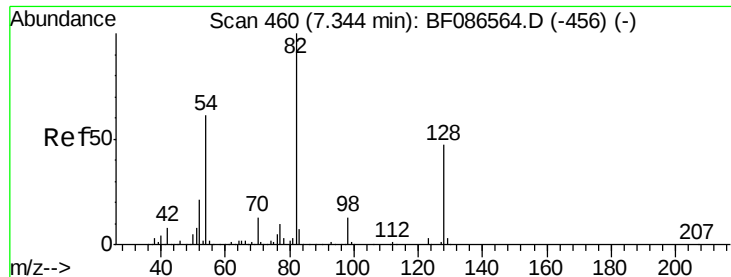
Tgt Ion: 70 Resp: 155552
 Ion Ratio Lower Upper
 70 100
 42 66.0 43.1 64.7#
 101 0.0 8.1 12.1#
 130 1.9 18.6 28.0#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.06 min
 Lab File: BF086619.D
 Acq: 2 May 2016 16:00

Tgt Ion: 136 Resp: 737863
 Ion Ratio Lower Upper
 136 100
 137 10.9 8.8 13.2
 54 10.2 5.0 7.4#
 68 6.0 4.4 6.6

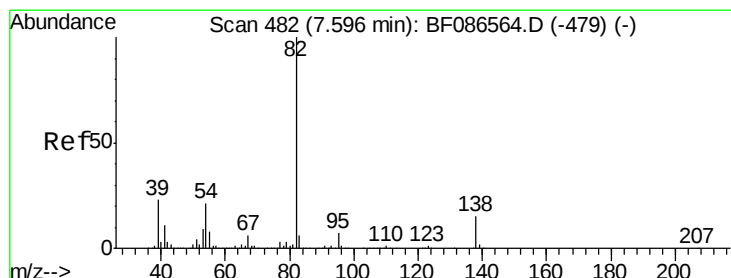
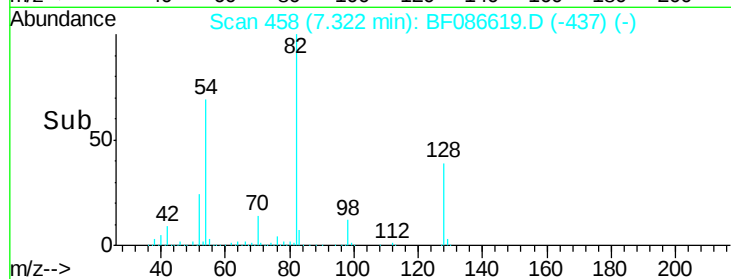
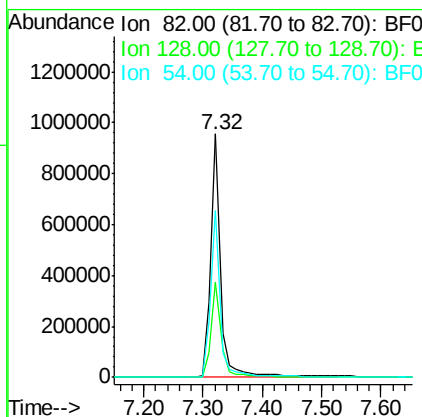
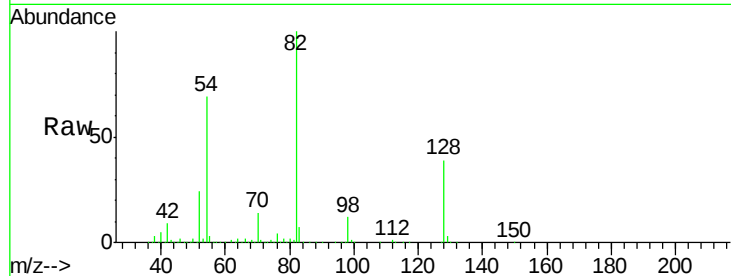




#23
 Nitrobenzene-d5
 Concen: 82.14 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF086619.D
 Acq: 2 May 2016 16:00

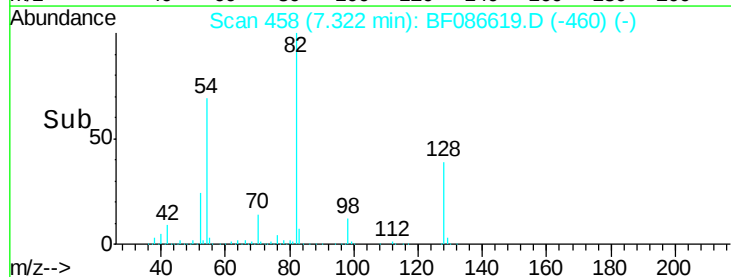
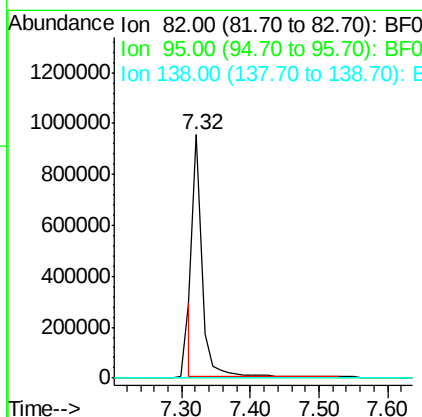
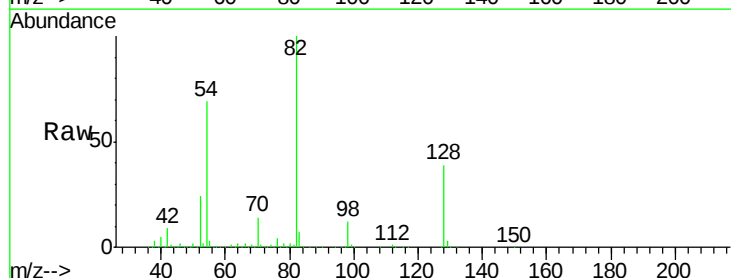
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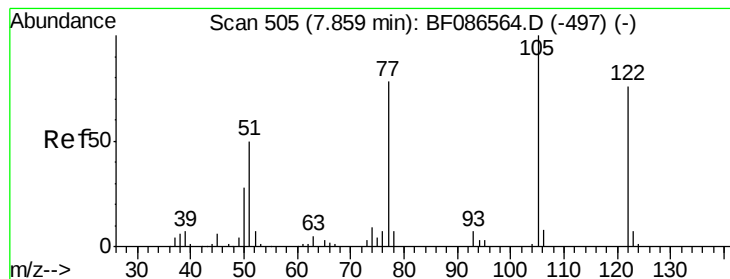
Tgt Ion: 82 Resp: 1124496
 Ion Ratio Lower Upper
 82 100
 128 39.2 40.6 61.0#
 54 68.6 38.1 57.1#



#25
 Isophorone
 Concen: 32.79 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.32 min
 Lab File: BF086619.D
 Acq: 2 May 2016 16:00

Tgt Ion: 82 Resp: 863875
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#





#32

Benzoic acid

Concen: 8.81 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.04 min

Lab File: BF086619.D

Acq: 2 May 2016 16:00

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-2(0-12FTBGS)

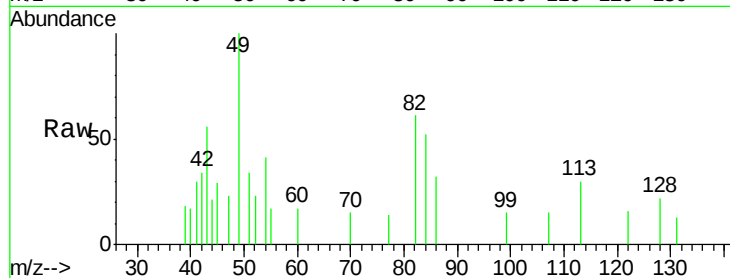
Tgt Ion:122 Resp: 250

Ion Ratio Lower Upper

122 100

105 0.0 92.6 132.6#

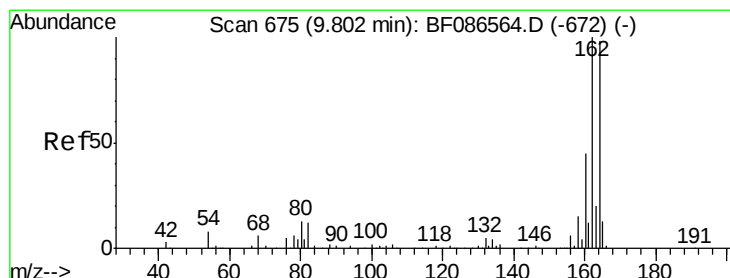
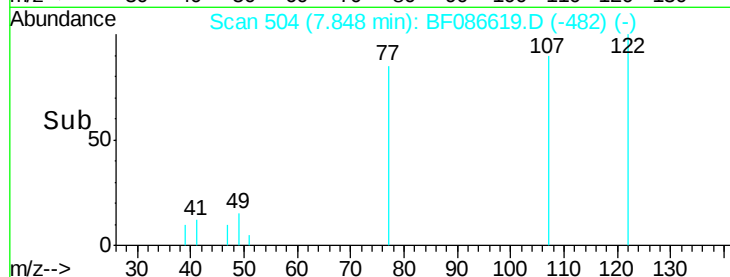
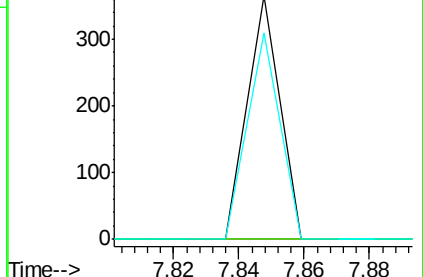
77 84.7 60.0 100.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.06 min

Lab File: BF086619.D

Acq: 2 May 2016 16:00

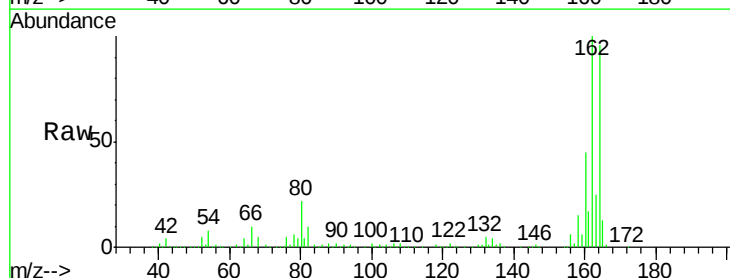
Tgt Ion:164 Resp: 357427

Ion Ratio Lower Upper

164 100

162 103.6 82.8 124.2

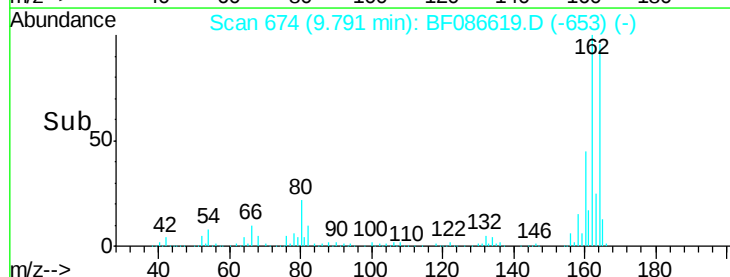
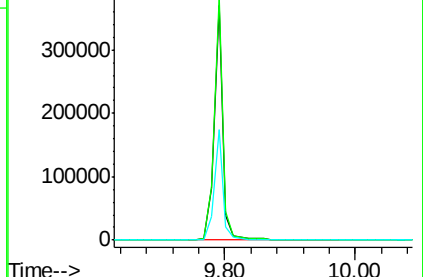
160 47.0 36.9 55.3

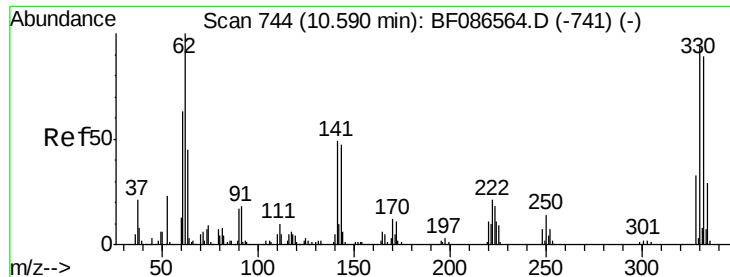


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

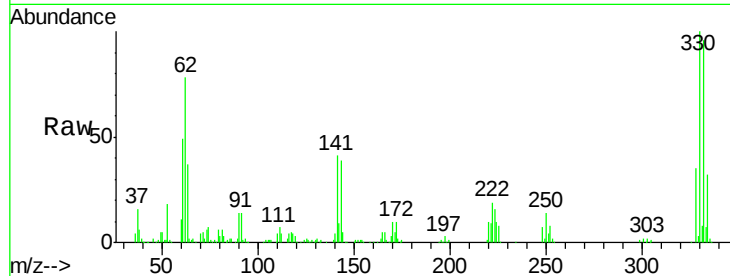




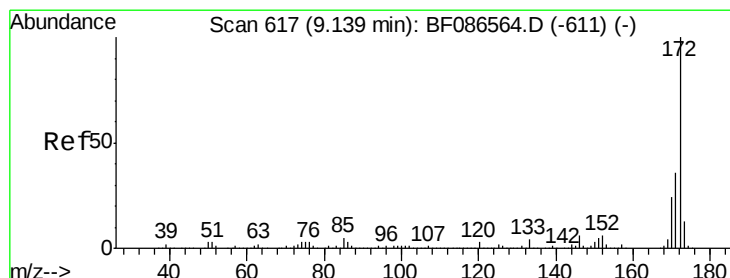
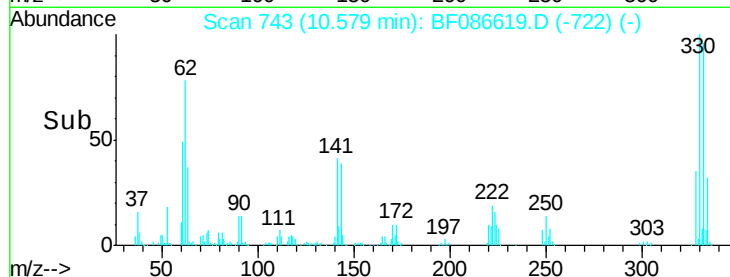
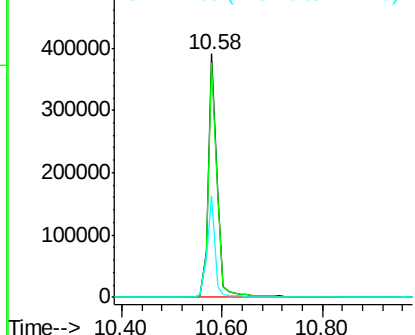
#41
 2,4,6-Tribromophenol
 Concen: 128.11 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086619.D
 Acq: 2 May 2016 16:00

Instrument :
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 26WARD-3-CS-2(0-12FTBGS)

Tgt Ion:330 Resp: 482883
 Ion Ratio Lower Upper
 330 100
 332 95.5 79.0 118.4
 141 37.7 31.2 46.8

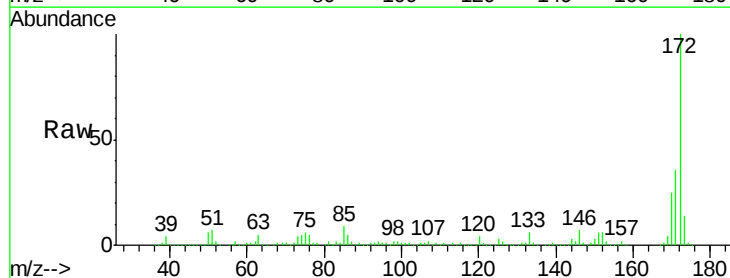


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

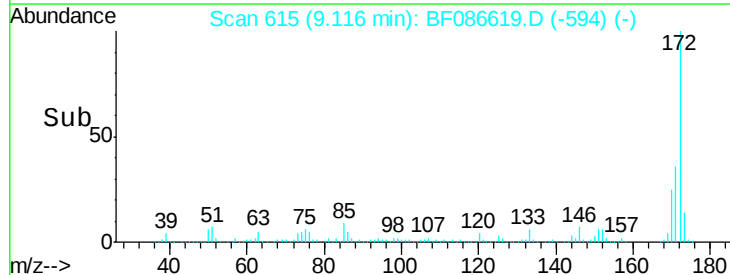
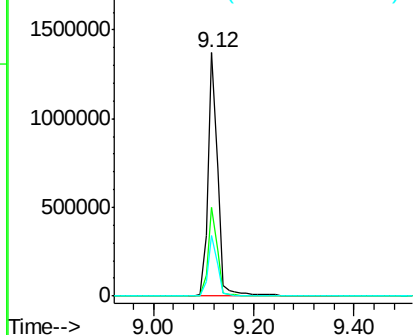


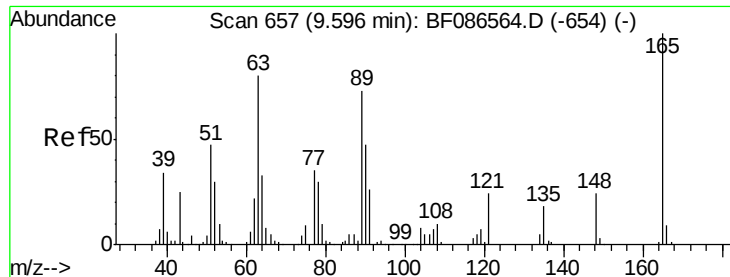
#44
 2-Fluorobiphenyl
 Concen: 91.19 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086619.D
 Acq: 2 May 2016 16:00

Tgt Ion:172 Resp: 1833765
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.8 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

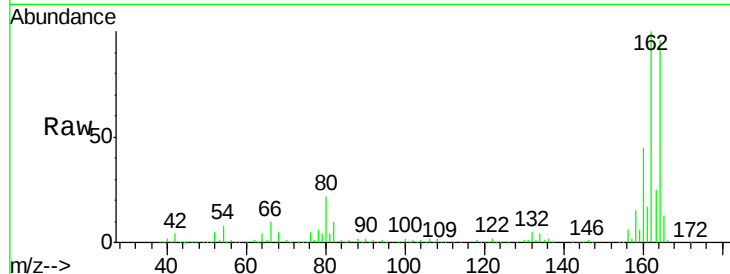




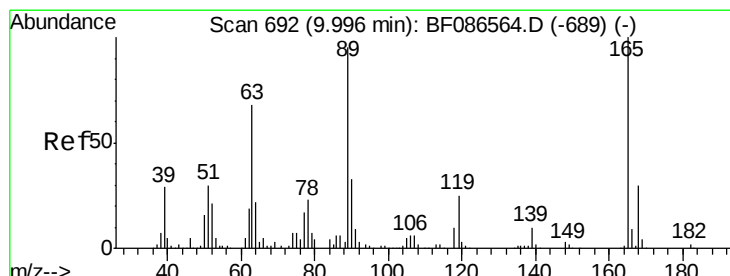
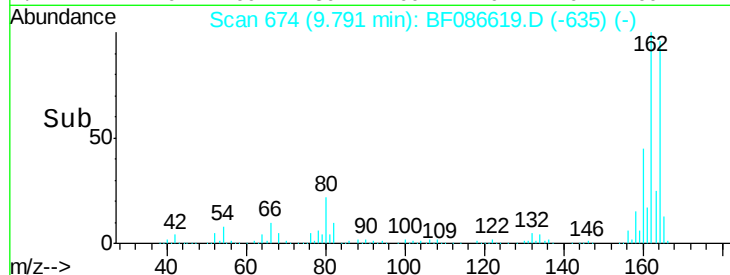
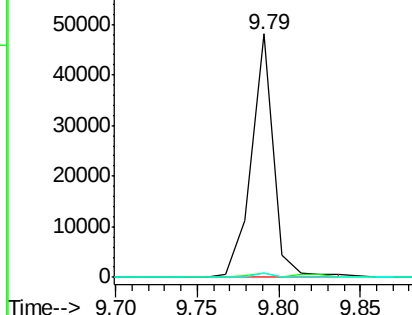
#50
2,6-Dinitrotoluene
Concen: 8.14 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.15 min
Lab File: BF086619.D
Acq: 2 May 2016 16:00

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-2(0-12FTBGS)

Tgt Ion:165 Resp: 45242
Ion Ratio Lower Upper
165 100
63 1.6 51.8 77.8#
89 1.6 50.7 76.1#

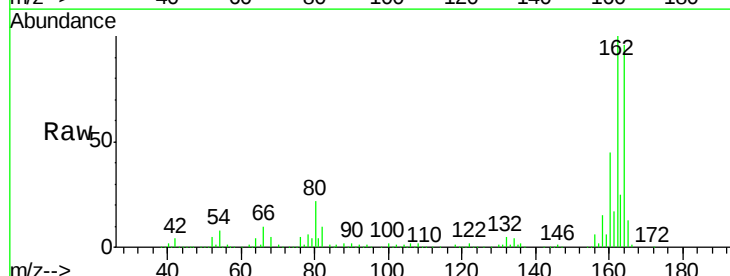


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

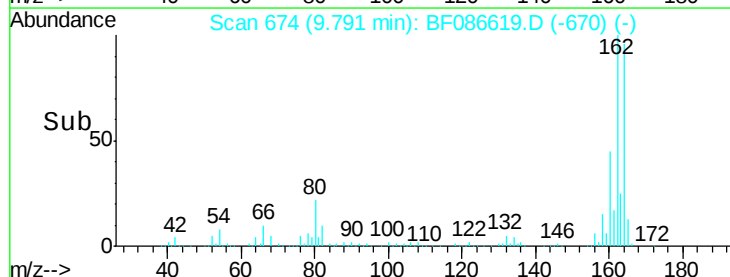
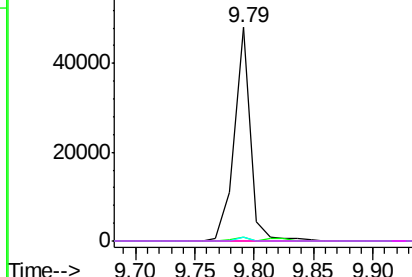


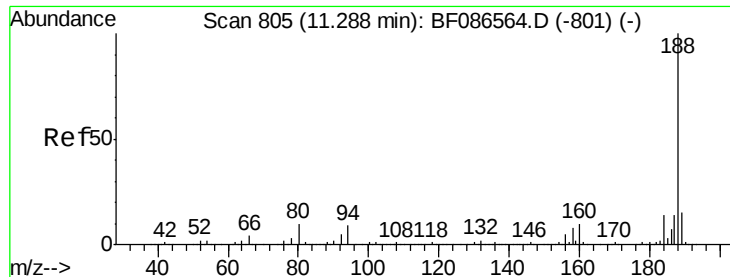
#56
2,4-Dinitrotoluene
Concen: 6.42 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.25 min
Lab File: BF086619.D
Acq: 2 May 2016 16:00

Tgt Ion:165 Resp: 45505
Ion Ratio Lower Upper
165 100
63 1.6 44.3 66.5#
89 1.6 70.0 105.0#
182 0.0 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

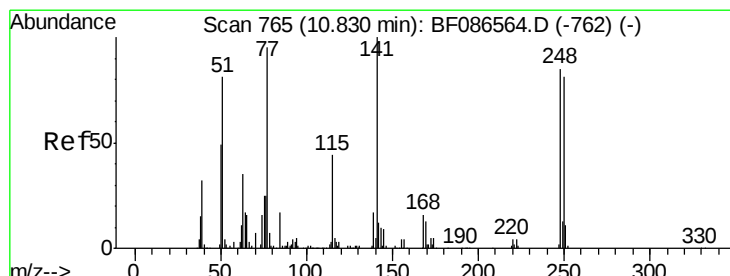
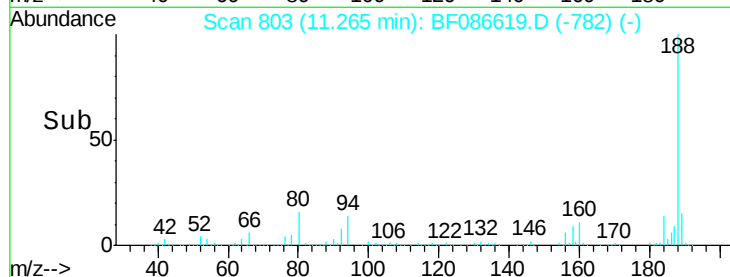
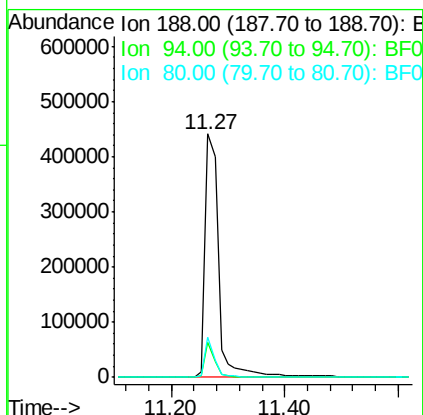
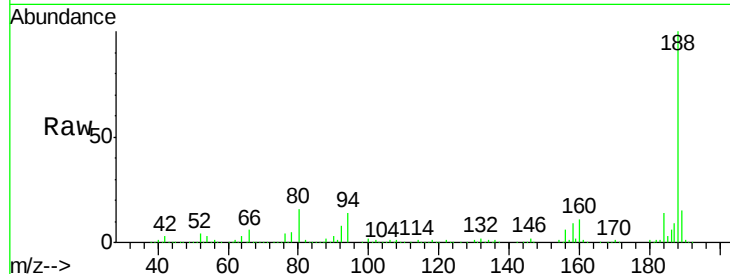




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF086619.D
 Acq: 2 May 2016 16:00

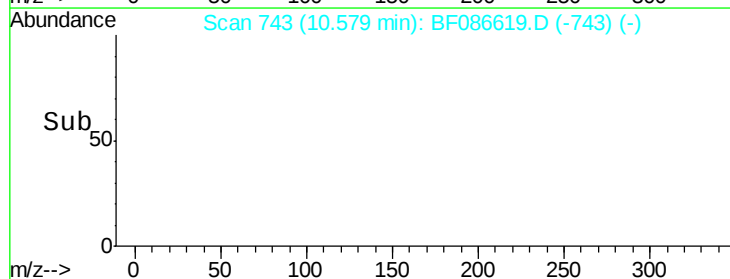
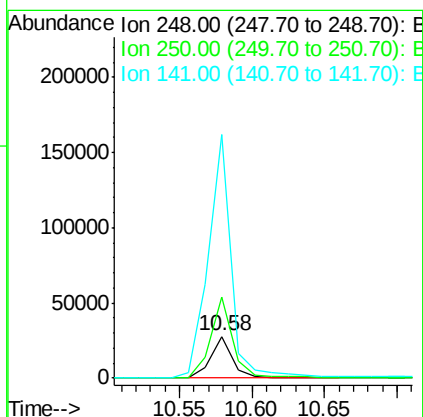
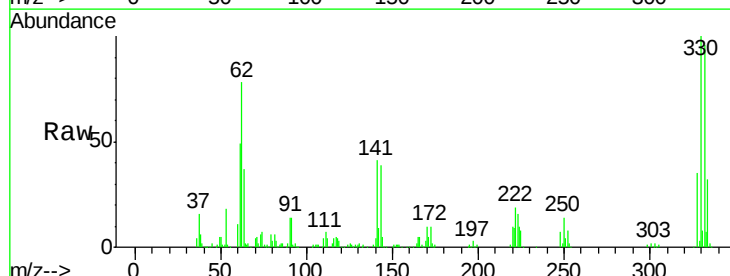
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-2(0-12FTBGS)

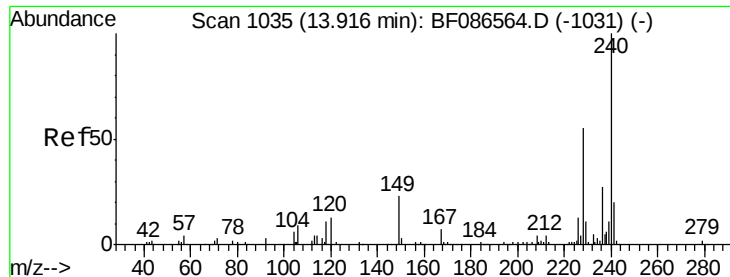
Tgt Ion:188 Resp: 701772
 Ion Ratio Lower Upper
 188 100
 94 14.4 6.8 10.2#
 80 16.2 7.1 10.7#



#66
 4-Bromophenyl-phenylether
 Concen: 3.98 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.30 min
 Lab File: BF086619.D
 Acq: 2 May 2016 16:00

Tgt Ion:248 Resp: 28771
 Ion Ratio Lower Upper
 248 100
 250 194.9 78.6 117.8#
 141 588.4 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF086619.D

Acq: 2 May 2016 16:00

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-2(0-12FTBGS)

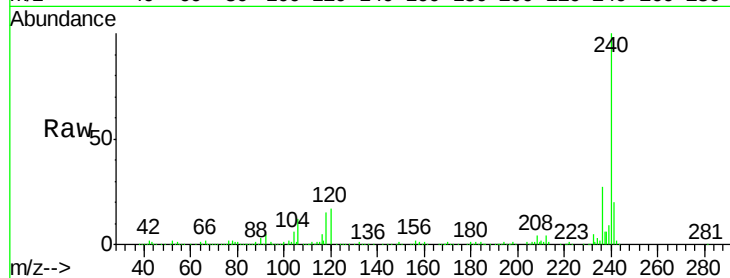
Tgt Ion:240 Resp: 601102

Ion Ratio Lower Upper

240 100

120 16.9 11.2 16.8#

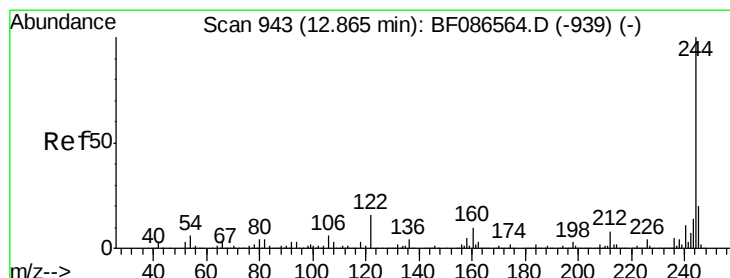
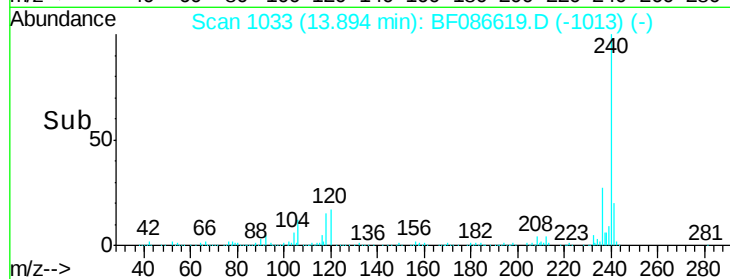
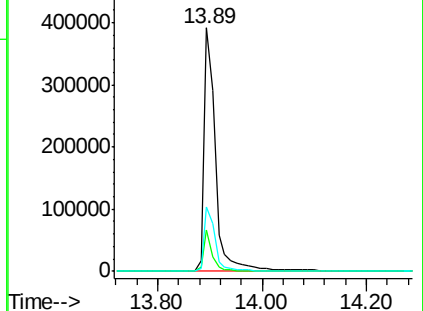
236 26.6 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 79.70 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086619.D

Acq: 2 May 2016 16:00

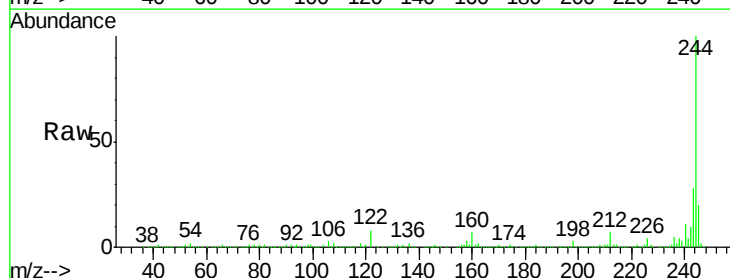
Tgt Ion:244 Resp: 2174495

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

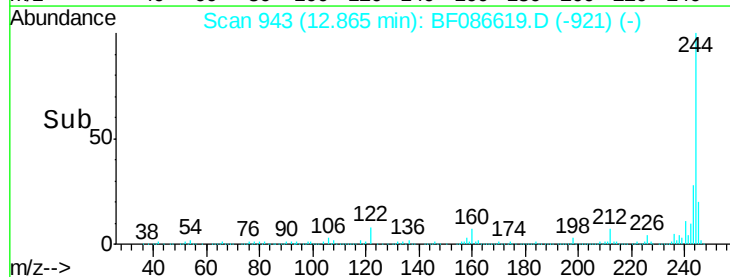
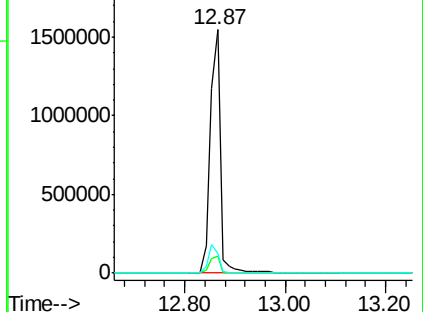
122 8.0 12.0 18.0#

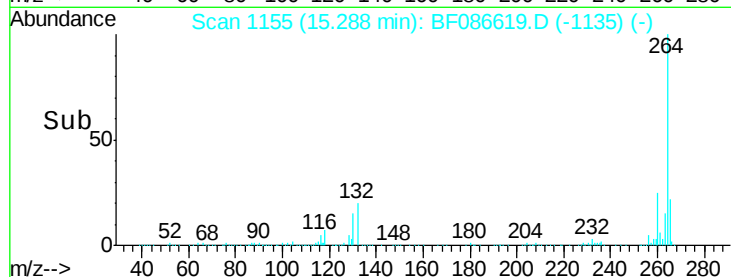
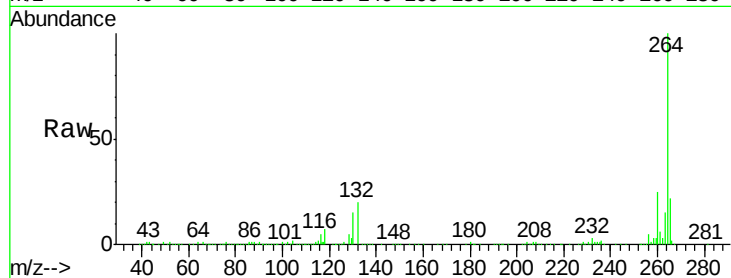
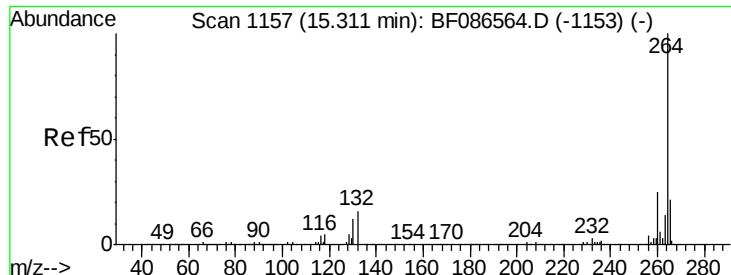


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.07 min
Lab File: BF086619.D
Acq: 2 May 2016 16:00

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-2(0-12FTBGS)

Tgt Ion:	264	Resp:	436064
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.5	17.3	25.9

